ORIGINAL

NEW APPLICATION



Melissa M. Krueger 7 CORP COMMISSI. 1 Theresa Dwyer COCKET CONTROL Pinnacle West Capital Corporation 2 2118 1111 29 12 23 400 North 5th Street, MS 8695 3 Phoenix, Arizona 85004 Tel: (602) 250-3630 4 Arizona Corporation Commission Fax: (602) 250-3393 DOCKETED E-Mail: Melissa.Krueger@pinnaclewest.com 5 Theresa.Dwyer@pinnaclewest.com JUN 2 9 2018 6 Attorneys for Arizona Public Service Company DOCKETED BY 7 8 BEFORE THE ARIZONA CORPORATION COMMISSION 9 10 COMMISSIONERS 11 TOM FORESE, Chairman **BOB BURNS** 12 **ANDY TOBIN BOYD DUNN** 13 E-01345A-18-0226 JUSTIN OLSON 14 15 IN THE MATTER OF THE APPLICATION DOCKET NO. E-01345A-18-OF ARIZONA PUBLIC SERVICE COMPANY FOR APPROVAL OF ITS 2019 16 APPLICATION FOR APPROVAL RENEWABLE ENERGY STANDARD IMPLEMENTATION FOR RESET OF OF 2019 RES IMPLEMENTATION 17 RENEWABLE ENERGY ADJUSTOR. PLAN 18 19 The attached 2019-2023 Renewable Energy Standard Implementation Plan (2019) 20 RES Plan or Plan) continues Arizona Public Service Company's commitment to the 21 renewable energy targets established by the Commission's RES rules. Arizona Public 22 Service Company ("APS") submits its 2019 RES Plan (attached as Exhibit A) under 23 A.A.C. R14-2-1813 and in accordance with Staff's standardized reporting format 24 developed in Decision No. 72737 (Jan. 18, 2012). 25 APS's 2019 RES Plan requests funding for previously-authorized programs,

including legacy performance-based incentives, renewable purchase power costs and ongoing program administrative costs, educational outreach, and administration of prior

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initiatives currently being implemented. The Plan seeks the Commission's approval of a total base RES budget of \$89.9 million for 2019, and the total request for the 2019-2023 Plan to be \$431.4 million, not including any funding offsets. After applying funding offsets, the total requested RES Surcharge Collection for 2019 is \$76.6 million.

The Plan includes the following:

- Summary information regarding the amount of renewable generation on APS's system and its progress towards compliance with the RES;
- A request for waiver under A.A.C. R14-2-1816 of the residential distributed energy requirement provided in A.A.C. R14-2-1805 to recognize the substantial amount of non-incented residential distributed energy on APS's system;
- A request to continue the Green Choice Rates with minor revisions to match the program better to customers' needs and to increase participation;
- Estimated budgets for 2019 through 2023; and
- Exploration of biomass renewable generation to assist with forest health.

This Application briefly touches upon each of the foregoing.

I. PLAN HIGHLIGHTS

APS Requests a Waiver of the Residential Distributed Generation Requirement While Continuing to Exceed Overall Compliance with the RES.

APS's portfolio of Renewable Generation (RG) resources contains significant RG resources that serve the energy demands of all APS customers. The Renewable Energy Standard requires APS to obtain 9% percent of its retail sales with renewable energy resources by the end of 2019. APS anticipates that, given the amount of renewable energy already in its diverse resource portfolio and the current volume of interconnection applications for distributed generation, that approximately 14.7 percent of the Company's retail sales will be met by renewable resources by the end of 2019.

APS's targeted RG goal for 2019 is 1,954 GWh. APS is far ahead of compliance with the overall cumulative RES goal and is compliant with the non-residential distributed generation requirements through 2021. APS will not have enough Renewable Energy Credits to meet the residential distributed generation targets (DG carve out) contained in the RES for 2019.

APS therefore requests a full and permanent waiver of the DG carve out contained in A.A.C. R14-2-1805 for 2019. A.A.C. R14-2-1816 provides that "[t]he Commission may waive compliance with any provision of this Article for good cause." Good cause exists to waive the residential distributed energy requirements for 2019. First, a permanent waiver is the least costly way for APS to establish compliance with the residential distributed generation targets. Second, as documented in APS's most recent Renewable Energy Standard Compliance Report filed in March 2018, there continues to be a substantial and continuous amount of non-incented rooftop solar being installed in APS's service territory and the intent of the DG carve out is already being satisfied.

B. Expansion of RG through Biomass Request for Proposal

The Commission has asked regulated utilities to develop solutions that would promote forest health, clean air, and resource diversity. As Commissioner Tobin has stated, the incorporation of biomass resources into future plans will benefit future Arizonans and encourage economic development for forest products in rural communities. In response, APS has issued a RFP for projects that utilize biomass feed stocks in northern Arizona. APS will analyze and report on responses to its RFP in late 2018.

C. Modification of the Green Choice Program in Response to Customer Demand

The 2019 RES Plan seeks a modification of the Green Choice Program to increase customer participation by meeting customer demand for specific resource types.

APS will not increase the current Green Choice Program price, providing stability for existing customers on the program while matching resources to customer preferences.

D. Increase Educational Outreach

Decision No. 71459 (Jan. 29, 2010) created the Arizona Goes Solar website. APS believes that analyzing and updating the website would be valuable and appropriate at this juncture, so that customers have accurate and up-to-date information on solar and other evolving distributed resource industries, as well as current market conditions. APS is therefore requesting \$125,000 in 2019 for this purpose, and to continue funding RES education and outreach. The current website has become outdated and requires technological updates to make the platform current and more user-friendly. The website serves as a repository of relevant Arizona information for distributed generation resources for stakeholders and customers.

E. APS Solar Communities

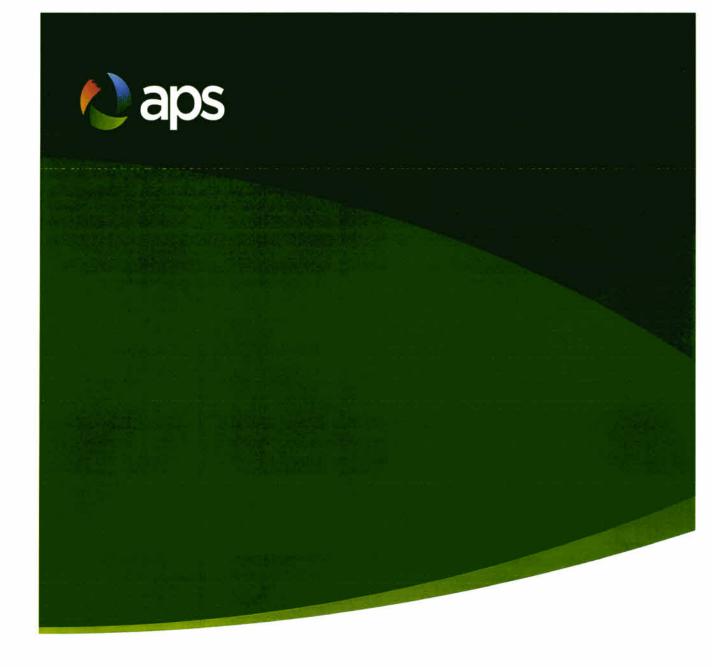
Under Decision No. 76295 (Aug. 18, 2017), APS continues to expand rooftop solar installations through Company-owned solar distributed generation. APS will invest between \$10 and \$15 million annually, allocating at least 65% of annual program expenditures to residential installations for low and moderate income families. This Application requests \$3.4 million in 2019 for the revenue requirements associated with APS Solar Communities Program. The Program offers clean energy to low and moderate income customers in single-family and multi-family housing, as well as non-profit commercial customers that serve limited-income populations, Title I Schools, and rural government customers.

II. APS'S PLAN PROPOSES A 2019 BUDGET AND RES ADJUSTOR TO SUPPORT EXISTING APPROVED PROJECTS AND COMMITMENTS.

As discussed previously, APS requires a total 2019 RES budget of approximately \$89.9 million, a decrease from the 2018 budget even without any funding offsets. APS

1 intends to apply several credits and revenue streams to lower total RES adjustor collections needed in 2019 and 2020. 2 In addition, by the end of 2018, APS expects to have unallocated funds in the 3 amount of \$12.8 million. APS proposes to use approximately \$7.0 million of these 4 collected but unallocated funds in the 2019 budget, and apply the remaining \$5.8 million 5 as an offset to the 2020 budget. 6 7 III. CONCLUSION 8 APS's 2019 RES Plan provides continued support and funding to enable APS to 9 meet its obligations under the RES while moderating incremental rate impact. The 10 Company respectfully requests that the Commission approve APS's 2019 RES Plan and 11 budget as proposed. 12 RESPECTFULLY SUBMITTED this 291 13 14 15 Melissa M. Krueger Theresa Dwyer 16 Attorneys for Arizona Public Service Company 17 18 19 ORIGINAL and thirteen (13) copies of the foregoing filed this 10 day of 20 June 2018, with: 21 **Docket Control** 22 ARIZONA CORPORATION COMMISSION 1200 West Washington Street 23 Phoenix, Arizona 85007 24 25 SH 26 27

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Renewable Energy Standard Implementation Plan 2019-2023

June 29, 2018

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Executive Summary

Arizona Public Service Company (APS or Company) is required by the state's Renewable Energy Standard (RES) to achieve 9.0 percent of retail sales with renewable resources by year-end 2019, increasing annually to 13.0 percent in 2023. In the following 2019-2023 RES Implementation Plan (Plan), APS requests funding approval for existing program commitments and deployment of previously authorized programs. The Company expects to achieve compliance with the 2019 RES requirements provided all of the resources discussed herein are authorized and continued as previously-approved in prior Arizona Corporation Commission (Commission) decisions, except for the residential distributed generation (DG) target. APS is requesting a permanent waiver of the residential DG target due to the continued steady levels of non-incented rooftop solar being installed in its service territory.

Renewable Generation. Renewable Generation (RG) resources within the APS portfolio are larger-scale renewable energy resources that serve the energy demand of all APS customers. APS's targeted RG resources for 2019 is 2,478 GWh. Based upon Commission direction, APS issued a Request for Proposal (RFP) for projects that utilize biomass feed stocks in northern Arizona.

Distributed Generation. Consistent with Commission requirements on incentive funding step downs and APS performance with the DG requirements, APS ceased offering direct cash incentives for residential and non-residential solar DG grid-tied resources at the end of 2013. As of May 1, 2018, 24,736 residential customers and 1,022 non-residential customers received incentives to interconnect DG systems, with associated capacity of 145 MW-AC and 209 MW-AC, respectively. Based upon these currently-installed resources, as well as commitments from previously-approved program budgets, APS projects it will be in compliance with non-residential energy targets until 2021 and residential DG energy targets through December 2017. APS is not requesting monies for new solar DG grid-tied resource incentives in the Plan.

The above DG forecast does not include RECs associated with non-incented installations. Through May 1, 2018, 56,731 residential DG grid-tied systems (391 MW-AC) and 437 nonresidential DG systems (38 MW-AC) have been installed across the APS service territory and interconnected to APS's grid without receiving direct cash incentives. Given the continued robust levels of residential DG in APS's service territory, the Company requests a permanent waiver of the residential compliance requirement in 2019. APS continues to see historic rates of solar DG interconnections without an incentive, but the DG compliance requirement only includes RECs associated with installations that received an incentive.

Budget. The requested budget for APS's 2019 Plan consists of funding for previouslyauthorized programs, including legacy Production-Based Incentive (PBI) subsidy payments, purchased power (PPA) and revenue requirement costs, educational outreach, and administration of prior initiatives currently being implemented.

APS expects the total base budget for PBI and other DG legacy costs, PPA projects in 2019 to be \$89.9 million, and the total request for the 2019-2023 Plan to be \$431.4 million, not including any funding offsets.

Introduction

In the 2019-2023 RES Implementation Plan, APS provides an update on authorized renewable energy programs, generation projects, and the Green Choice Program, as well as any related budget requirements.

A. 2019-2023 RES Requirement

The RES was established in August 2007, and requires APS to file a Plan each year for review and approval by the Commission.¹ The Plan describes the Company's strategy to meet the requirements of the RES for the next five calendar years, identifying the eligible technologies, the expected schedule for the resource incorporation on a year-by-year basis, and both the megawatts (MW) and megawatt hours (MWh) expected to be added to the APS portfolio by the incorporation of those resources.

APS has prepared this Plan for the five year period 2019-2023 in compliance with the RES Rules. The RES requires that affected utilities satisfy an annual renewable energy requirement by providing a percentage of their electric retail sales from renewable energy resources. The required percentage for the current implementation period begins at 9 percent in 2019 and increases to 13 percent in 2023. The RES requires that the minimum percentage be increased to 15 percent of the utility's total retail sales by the year 2025.

Per Decision No. 74882 (December 31, 2014), compliance with the DG rules may be met absent direct cash incentives. The Commission requires APS to include information in its Plan on the Company's compliance standing both with and without being able to record renewable energy installed independently by a customer without receiving a direct cash incentive (described herein as non-incented installations). Exhibits 2B and 2C identify distributed generation production under both scenarios requested by the Commission. Other energy exhibits in this Plan show existing and projected non-incented installations.

I. Renewable Generation

RG resources within the APS portfolio are larger-scale renewable energy resources that serve the energy demand of all APS customers. These resources are part of the Company's energy portfolio as provided to the Commission in the Company's 2017 Integrated Resource Plan—as such, they are applied to APS's overall RES requirements.² APS is required to include estimated pricing information related to RG projects. Consistent with prior Plans,

¹ A.A.C. R14-2-1801 et. seq.

² Docket No. E-00000V-15-0094, filed in compliance with A.A.C. Code R14-2-703.

APS has included a redacted version of the information in Exhibits 3B and 3D and is providing unredacted pricing information directly to Commission Staff.

A. Biomass

At the March 13, 2017 Staff Open Meeting, the Commission directed all "Affected Utilities" to work with Staff to develop a plan for incorporating biomass into the REST plan. APS issued a Request for Proposal (RFP) on May 7, 2018 for projects that utilize biomass feed stocks from high-risk forest lands in northern Arizona to generate capacity and energy, pipeline quality biogas, or other suitable products. Through this RFP, APS seeks the best resource, or combination of resources, that will help clear woody material from northern Arizona forests and potentially lead to healthier forests and improvement in the lives and safety of Arizona residents. Once the proposals have been analyzed, APS will report back to the Commission.

II. Distributed Generation

A. APS Interconnection and Program Management

Consistent with Commission direction on incentive-funding step downs and APS performance with the DG requirements, APS ceased offering direct-cash incentives for residential and non-residential solar DG grid-tied resources at the end of 2013. The Company continues to experience a steady application volume for non-incented residential DG grid-tied generating facilities during 2018.

With the consistent volume of interconnection requests comes steady activity in the areas of application review, meter installation, distributed energy resource (DER) planning, legacy program management and ongoing customer support. Our RES budget request of \$12.0 million for distributed energy program administration and implementation reflects both a robust environment for solar and other DER technology adoption and a continued market reality.

In light of the above, our projection is that the pace of residential application volume will normalize for the remainder of 2018 and in 2019.

APS seeks \$500,000 in information technology funds for continued operating and maintenance expenses and subscription services of its interconnection software platform which the Company received approval for in the 2018 RES budget.

B. Investment in AZ SUN II (APS Solar Communities)

Per Decision No. 76295 (August 18, 2017), the Commission approved APS to expand rooftop solar installations for limited and moderate income Arizonans. APS owns all the generation under the program and all the renewable energy credits and other program attributes require APS to invest between \$10 and \$15 million annually over three years

(2018, 2019, 2020), allocating at least 65% of annual program expenditures to residential installations. APS seeks \$3.4 million in 2019 for the APS Solar Communities Program. The program is available to low-and moderate-income customers in single-family and multifamily housing, as well as non-profit commercial customers that serve limited income populations, Title I Schools, and rural government customers.

The APS Solar Communities program will offer a new clean energy option to customers across the state who qualify as low-and moderate-income. APS will collaborate with Arizona-based solar installers to equip qualifying customers with solar systems. Participants will receive a monthly credit of \$30 on their energy bill for 20 years. The solar systems will be installed primarily on single-family homes with west and southwest facing roofs, which offer the greatest potential to generate energy during the late afternoon and early evening hours when customers use the most electricity.

C. Managing long-term PBI contracts and payments

From 2009 to 2013, APS was authorized to implement annual production-based incentive (PBI) programs for non-residential customers who deploy DG grid-tied resources at commercial sites. PBIs are paid on a cents/kWh basis for actual solar generation. These legacy PBI contracts represent long-term, ongoing RES budget commitments that are gradually paid to customers or third-party providers over a period of up to 20 years.

Exhibit 3C provides detail on this category of subsidy expenditures. APS has entered into long-term PBI contracts totaling \$591.1 million over the life of the RES. By the end of 2019, the Company will have paid approximately \$225.1 million cumulatively against the total. APS estimates that at the end of 2019, \$331.5 million in lifetime PBI payments will remain to be collected and paid for through future RES budgets, with \$34.5 million projected to be paid during 2019.

Exhibit 3C also includes the amortization of PBI commitments through ongoing incentive payments as well as the reduction in remaining PBI authorizations no longer needed to complete prior programs.

APS renewable energy program staff manage all of the associated PBI credit purchase contracts, assist customers with system modification and billing queries, support quarterly PBI payment processing and facilitate CPA assignments and contact or payee information changes. Ongoing PBI contract management is included in our RES budget request of \$12.0 million for DG program administration and implementation.

D. Residential DG

APS requests a permanent waiver of the residential DG carve-out requirement in 2019 due to consistent levels of residential DG being installed in its service territory without an incentive. Nonetheless, the Company expects to be more than 70% compliant with the 2019 incremental residential goal. APS projects it will be in compliance with incented non-residential energy targets until 2021 and incented residential DG energy targets through December 2017. Through May 1, 2018, 56,731 residential DG grid-tied systems (391 MW-AC) and 437 non-residential DG systems (38 MW-AC) have been installed and interconnected without receiving direct-cash incentives. APS continues to see historic rates of solar DG interconnections without an incentive; however, the DG compliance forecast only includes RECs associated with installations that received an incentive. By the end of 2018, cumulative DG capacity (all technologies) on the APS system will be at least 867 MW-AC, of which 428 MW-AC is non-incented DG interconnections.

III. Program Administration

A. Distributed Energy Administration Plan (DEAP)

The DEAP is a master program administration guideline that APS posts on its public website at aps.com/renewables. APS has made no new changes to the DEAP that was approved in Decision No. 74883 on December 31, 2014.

B. Educational outreach

Decision 71459, paragraph 54 (January 29, 2010), created the Arizona Goes Solar website to help promote the availability of REST funds for residential solar projects, create additional awareness of incentives for residential and commercial solar projects, and provide a publicly accessible source for accurate solar market data. The current website has become outdated and requires technological updates to make the platform current and more user-friendly. The website serves as a repository of relevant Arizona information for distributed generation resources for stakeholders and customers. APS sees value in continuing to maintain the Arizona Goes Solar website, as the information provides ratepayers with accurate and upto-date information on the solar and evolving DER industries.

APS will evaluate, in collaboration with other Arizona utilities, the current format and content of the Arizona Goes Solar website. We will also evaluate the site's effectiveness and update the content to better reflect current market conditions. APS will continue to act as the managing utility for this effort and ensure buy in from other participating utilities. APS requests \$125,000 in 2019 to continue funding RES-attributable education and outreach and to update the current Arizona Goes Solar website.

C. Green Choice Program

APS proposes to modify its Green Choice Program to increase customer participation by better meeting customer's preferences for resource type. In order to meet their own corporate, local or industry-based policy goals, some customers have expressed an interest in certain types of renewable generation. For example, certain Corporate net zero carbon goals and other sustainability initiatives often prefer non-carbon emitting renewable resource technologies such as wind and solar.

The current resources in the Green Choice Program are wind facilities and Arizona biomass and biogas facilities. APS proposes to remove the biomass and biogas facilities from the resource mix of the Program and replace them with resources from the list below. APS will keep the green premium price at \$.0102/kWh, which provides price stability for existing customers on the program while at the same time better matching the resources to customer preferences.

Name	Technology Type
Ajo	Solar
Aragonne Wind, LLC	Wind
Badger 1 Solar (Desert Sky)	Solar
Bagdad	Solar
Gillespie 1 Solar	Solar
High Lonesome Mesa	Wind
Perrin Ranch	Wind
Solana	Concentrated Solar
SUNE AZ1, LLC (Prescott)	Solar
SUNE AZ2, LLC (Saddle Mountain)	Solar

IV. Budget

The budget for APS's 2019 Plan consists of funding for previously authorized programs including PBI legacy payments, purchased power and revenue requirement costs, and prior initiatives currently being implemented.

The total base RES budget in 2019 is \$89.9 million and the five year total for the 2019-2023 Plan is projected to be \$431.4 million, not including any funding offsets.

APS intends to apply several credits and revenue streams to lower total RES adjustor collections needed in 2019 and 2020. Offsets to the 2019 budget (see Exhibit 3A) include \$6.0 million from the System Benefit Charge included in base rates, rate program revenues, and general reallocation offsets due to variances in power purchase costs, programs completed under budget, and cancelled projects. After applying these funding offsets, the total requested RES Surcharge Collection for 2019 is \$76.6 million.³

A. Reallocation of program funds

In prior RES Plans, APS has applied a portion of the Company's unallocated program funds as a direct offset to a given year's budget to reduce the need for additional RES collections. By the end of 2018, APS expects to have unallocated funds in the amount of \$12.8 million. APS proposes to use \$7.0 million of these collected but unallocated funds in the 2019 budget and apply the remaining \$5.8 million as an offset to the 2020 budget.

³ See Exhibit 3A: 2019 RES IP Summary Budget.

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Exhibit 1A: APS 2019 - 2023 RES Program Summary

	2019	2020	2021	2022	2023
APS Estimated Retail Sales	31,020,737	31,622,462	32,154,073	32,727,961	33,239,063
APS RES Target - % of Retail Sales	%0.6	10.0%	11.0%	12.0%	13.0%
APS Total RES Requirement	2,791,866	3,162,246	3,536,948	3.927,355	4.321.078
RES Generation Target	1,954,306	2,213,572	2,475,864	2,749,149	3,024,755
Distributed Energy % of RES Requirement	30%	30%	30%	30%	30%
Distributed Energy Requirement	837,560	948,674	1,061,084	1,178,207	1,296,323
Residential Distributed Energy (50%)	418,780	474,337	530,543	589,103	648,162
Non-Residential Distributed Energy (40%)	335,024	379,470	424,434	471,283	518,529
Wholesale Distributed Energy (10%) 1	83,756	94,867	106,108	117,821	129,632
Kenewabie Generation (MWn)	2010	0000	2021	2000	5000
RES Generation Target	1,954,306	2,213,572	2,475,864	2,749,149	3,024,755
Existing/Planned Generation Owned/Contracted	2 478 044	2 480 108	2 471 053	8 2 467 584	2 405 250
RG Owned Contracted - RG Target	523,738	266,534	(4,811)	(281,564)	(619,504)
Customer Sited Distributed Energy (MWh)					
	2019	2020	2021	2022	2023
RES Distributed Energy Requirement	837,560	948,674	1,061,084	1,178,207	1,296,323
Estimated Existing Distributed Energy 2	806,180	816,926	827,804	839,154	850,605
Expected DE - DE Requirement	(31,379)	(131,748)	(233,281)	(339,052)	(445,719)
Non-Incented DE Installations	1 246 036	1 532 102	1 817 268	2 102 434	2 387 500
Total RES Energy (MWh)				6. / 5.5./	2011001
Total RES Requirement	2019 2,791,866	2020 3,162,246	2021 3,536,948	2022 3,927,355	2023 4,321,078
Total Expected RES Production	3,284,225	3,297,034	3,298,856	3,306,739	3,255,855
(line 18 + line 25) Expected RES Production - RES Requirement	492,358	134,788	(238,092)	(620,617)	(1,065,223)
(line 34 - line 32) Non-Incented DE Installations	1,246,936	1,532,102	1,817,268	2,102,434	2,387,599
APS RES Budget Summary (\$ M's)	2010	0000	1000	2033	2000
Total Renewable Generation	\$ 40.0	\$ 40.7	41.3 \$		29.6
Total Distributed Energy	49.9	50.1	47.0	45.8	45.2
Base RES Program Budget	6.68 \$	8.06 \$	\$ 88.3	\$ 87.7	\$ 74.7
Base Rates	(0.9)	(0.9)	\$ (0.9)	(0.9)	(0.9)
Production Tax Credits Estimated Green Choice Revenue Credit	. 0	. 0)	. (0.3)	. 0	. 0/
Previous Years Rollover Funds and Other Credits	(7.0)	(5.8)	(5:0)	(5:0)	
E				* ***	

Notes:
Per AAC R14-2-1805.

Per AAC R14-2-1805.

Descriptions are according to the state of the

Exhibit 1B: RES Adjustor Schedule

	Residential	XS Commercial (<20 kW)	Small Commercial (20-100kW)	Medium Commercial (100-400 kW)	Large Commercial (400-3,000 kW)	Industrial (>3,000 kW)
			\$0.007261/kWh	61/kWh		
2019 Charge/Cap (Non-DG Customers)	\$2.90	\$10	\$107.88	\$181.53	\$363.05	\$2,359.83
2019 Average (DG Customers)	\$2.53	Cap: \$107.88 Floor: \$6.06	Cap: \$107.88 Floor: \$30.31	\$146.53	\$287.03	\$2,359.83

Exhibit 2A: Targeted Resources

	4	Compression	TOTAL MWAC					110	
Targeted Generation Resources: 2			*******	2019	2020	2021	2022	2023	Total
Solar:	3rd Party PPA	Online	2.5	9.490	0.420	9 395	9 348	0 300	47 005
Prescott		Online	01	25,273	25,088	24,770	24,523	24,277	123,931
Badger	3rd Party PPA	Online	15	38,773	38,545	38,209	37,926	37,644	191,097
eillespie	3rd Party PPA	Online	12	41,587	41,500	41,172	40,966	40,761	205,987
Illanium: alunec	Sed Party PPA	Online	9 5	33,420	33,745	32,887	32,624	32,363	164,539
Soldila	APS/A7 Sun	ouille eville	71	244,838	785,587	844,838	844,838	844,838	4,224,939
HyderI		Online	16	39,464	39, 383	39,001	38,927	38 681	190,143
Cotton Center		Online	17	45.032	45 (180	44.857	44 762	30,001	193,474
Chino Valley		Online	19	46.795	46.561	46.328	46.097	45 866	321 647
Foothills I/II	APS/AZ Sun	Online	35	109.267	109,064	108.177	107,637	107.098	541 243
Hyder II	APS/AZ Sun	Online	14	44,804	44,713	44,357	44,135	43,914	221,923
Gila Bend		Online	32	106,274	106,076	1.05,214	104,688	104,164	526,415
Luke AFB		Online	10	34,258	34,187	33,916	33,747	33,578	169,686
Small Solar Star	APS/AZ Sun	Online	10	34,931	34,856	34,582	34,409	34,237	173,016
Sitiati Sual Sites	CA		9	מה, ה	564,4	566,6	9,953	9,953	49,766
Wind:			••••						
Aradonne Mesa	3rd Party PPA	Online	06	260,580	261,553	260,580	260,580	260,530	1,303,873
High Lonesome	Std Party PPA	Online	100	277,999	278,836	277,999	277,999	277,999	1,390,8
Perilli Kancii	STO PARTY PPA	Online	2	770,410	470,777	226,416	226,416	226,416	1,132,739
Geothermal:			(
Salion Sea/ CE Turbo	Std Party PPA	Online	2	65,81/	66,018	65,817	65,817	65,817	329,286
Biomass/Biogas:									
Snownake Sexton (Glendale Landfill)	3rd Party PPA	Online	14	103,219	103,505	103,219	103,219	44,335	457,4
Northwest Regional Landfill Gas	3rd Party PPA	Online	3.2	22,560	22,622	22,560	22.560	22.550	112.862
Total Targeted Generation			803	2,478,044	2,480,108	2,471,053	2,467,584	2,405,250	12,302,039
Targeted Distributed Energy Resources: 3				116					
Residential:			3						
UFI Installations		Various	Various	281,419	281,419	281,419	281,419	281,419	1,407,094
Non-Incentive Installations	Customer-Sited DE	Various	Various	1,116,374	1,359,127	1,601,881	1,844,636	2,087,391	8,009,408
Flagstaff Community Power Project APS Solar Partner Program	APS	Online	4.00	16 277	16 176	16.076	989	686	3,429
			Course					2000	200
Subtotal Residential				1,414,755	1,657,408	1,900,062	2,142,717	2,385,373	9,500,314
Non-Residential:									
UFI Installations	Customer-Sited DE	Various	Various	34,120	34,120	34,120	34,120	34,120	170,599
Non-To-option To-tallations	Customor-Citod On	STOLEN	Various	147,711	14/,417	14/417	14/'417	216,741	1,0/3,/06
DE RFP	Customer-Sited DE	Online	35	75.597	75,333	75,069	74 806	74 544	275 350
Schools & Government (3rd-Party Owned)	Customer-Sited DE	Various	45	76,509	76,509	76,509	76,509	76,509	382,545
Schools & Government (Utility-Owned)	APS	Online	13	21,313	21,313	21,313	21,313	21,313	106,565
Hadstart Community Power Project		Ouline	6.0	1,763	1,763	1,763	1,763	1,763	8,815
Wholesale DE	Srd Party PPA	Ouline	ď.	83,756	94,867	106,108	117,821	129,632	532,184
Subtotal Non-Breidential				654 630	404.404	200 +24	070 770	000 000	0 200 0
				600,600	161'101	101,080	814,848	808,709	3,807,078

Notes:

All builty-owned Third Perty projects are developed through a competitive RFP process, and all DE systems are built independently by Third Part developers and installers. Seperede all consemental production (non-annualized).

Reported as a simplified production.

Recommentive and without transferring REC ownership to APS,

Non-incentive installations are defined as installations made by customers without taking a direct cash incentive and without transferring REC ownership to APS,

Exhibit 2B: Distributed Energy Compliance Table (MWh) 1

would be if the Company were allowed to count independent, customer installations towards its RES compliance reporting. The non-incented installations shown below represents forecasted DE customer growth absent any new incentive program This exhibit represents forecasted 2019-2023 RES DE compliance totals compared to what APS's compliance position funding for 2019-2023.

Line		2019	2020	2021	2022	2023	Line
H	Residential DE (MWh)						-
2							2
ю	Residential (incented/owned) ²	298,381	298,281	298,181	298,081	297,982	Э
4	Non-incented Installations 3	1,100,097	1,342,951	1,585,805	1,828,659	2,071,513	4
2	Total	1,398,478	1,641,232	1,883,986	2,126,740	2,369,495	2
9							9
7	Non-Residential DE (MWh)						7
8	ACCIONAL NO. N. SERVICE STR. VIII. V						8
0	Non-Residential (incented/owned) 4	507,799	518,646	529,623	541,073	552,622	6
10	Non-incented Installations 3	146,839	189,151	231,463	273,775	316,086	10
11	Total	654,639	767,707	761,086	814,848	868,709	11
12							12
13	Total DE (MWh)		200				13
14							14
15	Residential & Non-Residential (incented/owned)	806,180	816,926	827,804	839,154	850,605	15
16	Non-incented Installations ³	1,246,936	1,532,102	1,817,268	2,102,434	2,387,599	16
17	Total	2,053,117	2,349,028	2,645,071	2,941,588	3,238,204	17
18				G)			18
19	RES DE Requirements (MWh)						19
20	Total DE Requirements	837,560	948,674	1,061,084	1,178,207	1,296,323	20
21	Residential Requirements	418,780	474,337	530,542	589,103	648,162	21
22	Non-Residential Requirements	418,780	474,337	530,542	589,103	648,162	22

Notes:

- 1 If APS were allowed to count non-incented installations towards its RES DE compliance requirements, APS anticipates total installations projected to be installed though 2019 would:

 - 1) advance residential compliance from 2017 to 2025, 2) advance non-residential compliance from 2021 to 2023, and 3) advance overall DE compliance from 2017 to 2023.

If APS were allowed to count non-incented installations towards its RES DE compliance requirements, APS anticipates total installations projected to be installed though 2023 would:

- 2) advance non-residential compliance from 2021 to 2025, and 1) advance residential compliance from 2017 to 2025,

 - 3) advance overall DE compliance from 2017 to 2025.
- ² Includes UFI DE and Flagstaff Community Power Project, APS Solar Partner Program.
- 3 Non-incented installations defined as installs made by customers without taking a direct cash incentive and without transferring REC ownership to APS.
 - ⁴ Includes UFI, PBI, and Wholesale DE programs

Exhibit 2C: Distributed Energy Compliance Graph

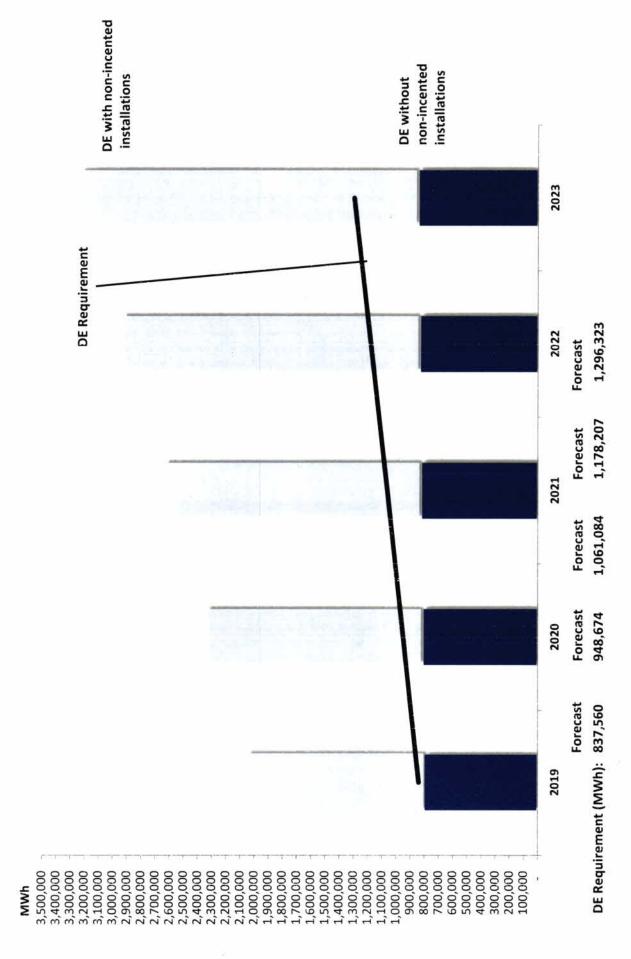


Exhibit 3A: 2019 RES IP Summary Budget

-			l	١	١	I	l	l	١	l		l		
No.		2019	19	20	2020	2021	21	2	2022	5	2023	Ħ	Total	No.
	Renewable Generation	Ä								ľ			Ī	
2	Renewable Generation Contracts and Operation and Maintenance													2
м	Purchases and Generation	\$	38.5	₩.	39.2	₩.	39.8	49	40.5	↔	28.1	₩.	186.1	m
4	Administration	₩.	9.0	₩.	9.0	₩.	9.0	₩.	9.0	49	9.0	₩	3.2	4
2	Implementation	\$	8.0	8	8.0	\$	0.8	45	0.8	₩.	0.8	₩.	4.2	2
9	Total Renewable Generation	4	40.0	*	40.7	14	41.3	₩	42.0	*	29.6	49	193.5	9
7														7
8														80
6	Customer Sited Distributed Energy													6
ا 1	Existing Contracts and Commitments													10
11	DE RFP	\$	4.7	₩.	4.6	₩.	4.6	45	4.6	₩	4.8	₩.	23.3	11
12	Production-based Incentives	\$	22.3	₩.	21.6	₩.	19.2	4	18.6	₩.	18.4	₩.	1001	12
13	Schools and Government Program Incentives 1	\$	7.5	₩.	7.5	₩.	7.5	₩.	7.5	\$	7.5	₩	37.4	13
41	APS Solar Communities (AZ Sun II) 2	\$	3.4	\$	5.0	\$	4.5	€	4.5	\$	4.4	\$	21.8	14
15	Total Existing Contracts and Commitments	44	37.9	4	38.7	₩.	35.8	₩	35.2	₩	35.1	44	182.6	15
16														16
17			THE CAN COM											17
18	Non-Energy Distributed Energy Costs													18
19	Administration	\$	9.0	₩.	9.0	\$	9.0	₩	9.0	€	9.0	₩.	3.2	19
50	Implementation ³	₩.	10.7	\$	10.2	\$	6.6	₩.	9.4	₩.	8.8	₩.	48.9	20
21	Information Technology	↔	0.5	\$	0.5	\$	0.5	\$	0.5	₩.	0.5	₩.	2.5	21
22	Educational Outreach: Non-Incentive Costs	49	0.1	\$	0.1	\$	0.1	45	0.1	\$	0.1	\$	9.0	22
73	Total Non-Incentive DE Costs	44	12.0	*	11.4	\$	11.2	44	10.6	49	10.1	44	55.3	23
24	Total Customer Sited DE /line 15 + line 23)	v	49.0	٠	50.1	v	47.0	v	45.8	٠	45.2	٠	237 0	24
56					!		!			٠	!			56
27	Total RES Budget ² (line 6 + line 25)	45	89.9	*	8.06	*	88.3	40	87.7	40	74.7	₩.	431.4	27
	Offsets to Base Budget						i.	3	d					29
30	Base Rates	\$	(0.9)	*	(0.9)	\$	(0.9)	₩.	(0.9)	₩.	(0.9)	\$	(30.0)	30
31	Production Tax Credits		,				į		•		1			31
32	Estimated Green Choice Revenue Credit		(0.3)		(0.3)		(0.3)		(0.3)		(0.3)		(1.5)	32
3 2	revious reals notification of the creation		(0.)		70.0			4		4	. 00		(12.0)	55 5
1	אבט את כוופות ע	0	9	•			07.0	٠	1.1	٠	4.00		1./00	4

Notes:

1 Third-party owned portion of the current 2011: 2012, and expanded Schools and Government Programs.

2 Reflects total program costs as approved in Decision No. 76295.

³ Includes revenue requirements for the production metering as required by Decision No. 72737.

Exhibit 3B: Targeted RES Resource Costs (in \$Ms)

	Ownersnip	,			Proje	Projected RES Cost per Year	200	рег теат	1			
		•	,								i	
largeted Generation Resources: Solar:			2019	2020		2021		2022		2023	Iota	e.
Aio	3rd Party PPA										4	2.0
Prescott	3rd Party PPA										2	4.1
Badger	3rd Party PPA											0.8
eideallis	3rd Party PPA											1 7
Saddle Mountain	3rd Party PPA											1
Solana CSP	3rd Party PPA											135.0
												2
Wind:		1										
Aragonne Mesa	3rd Party PPA											14.9
High Lonesome	3rd Party PPA											4
Perrin Ranch	3rd Party PPA											6.5
Geothermal:												
Salton Sea/CE Turbo	3rd Party PPA											5.9
Biomass/Biogas:												
Snowflake 2	3rd Party PPA											17.1
Sexton (Glendale Landfill)	3rd Party PPA											
Northwest Regional Landfill Gas	3rd Party PPA											0.0
Subtotal Targeted Generation		\$	38.5 \$	39.2 \$	44	39.8	44	40.5	\$	28.1	\$	186.1
Targeted and Expected Distributed Energy Resources:	es:											
AZ Sun II Program:												
APS Solar Communities ³	APS	₩.	3.4 \$	5.0	\$	4.5	\$	4.5	\$	4.4	₩.	21.8
											3	
Non-Residential:												
PBI Installations	Customer-Sited DE	\$	22.3 \$	21.6	₩.	19.2	4	18.6	₩.	18.4	49	1001
DE RFP	Customer-Sited DE		4.7	4.6		4.6		4.6		8.4		23.3
Schools & Government (3rd-Party Owned)	Customer-Sited DE		7.5	7.5		7.5		7.5		7.5		37.4
Corb Tabal Man Banidansial Distallanta Canad	111-0 22 . 11-0 221	•	9	2 00		0 40		. 46		,	,	9 00
Subjotal Non-Residential Distributed Energy	(IIIIe 27 : IIIIe 32)	n A	37.9	38./	4	35.8	4	35.2	η φ	35,1	7 9	182.0
Total Targets Inches	(line 22 + line 34)		765 4	77.9	v	75.6	u	75.6	*	633	4	368.8

¹ Redacted due to the competitively confidential nature of the information.
² Expected costs of Wholesale DE included in costs associated with Snowflake White Mountain Power, and not included in DE section.
³ Reflects total program costs as approved in Decision No. 76295.

Exhibit 3C: Lifetime Authorization Production Based Incentive status (\$M)

Line No.				Line No.
т	The state of the s		PBI Lifetime Authorization:	1
2	Year	Authorization Description	Description	2
3	20081,2 \$	250.0	250.0 DE RFP Lifetime Budget	м
4	2009³	220.0	Standard PBI Lifetime Budget	4
Ŋ	20104	100.0	Standard PBI Lifetime Budget	2
9	20115	100.0	Standard PBI Lifetime Budget (\$73M), School and Government PBI (\$27M)	9
7	20126	95.8	Standard PBI Lifetime Budget (\$30M), School and Government PBI (\$65.8M)	7
80	20137	0.9	Expanded School and Government PBI	8
6	•	\$ 771.8	APS's Approved Lifetime PBI Authorization	6
10				10
11	Retirement	of Authorizations fr.	Retirement of Authorizations from Completed Programs:	11
12		(75.3)	(75.3) DE RFP ⁸	12
13		(57.9)	(57.9) Standard PBI (2009 - 2012)	13
14		(40.4)	(40.4) School & Government PBI (2011-2012)	14
15		(7.1)	(7.1) Retained for Expanded School and Government PBI 9	15
16	•	\$ 591.1	591.1 Total Remaining Lifetime PBI Authorization	16

			PB	I Amo	rtization 9	schedu	ale					17
			2019	2	2020		2021	:	2022		2023	18
	Total PBI Commitment \$	₩.	591.1	₩.	591.1	\$	591.1	\$	591.1	€	591.1	19
Sun	mulative PBI Incentive Payments		225.1		259.6		293.3		324.7		355.4	20
	Annual PBI Payment (Projected)		34.5	ş	33.7	93	31.3		30.7		30.7	21
	Remaining PBI Commitment \$	45	331.5	49	297.7	49	266.4	49	235.7	49	205.0	22

Notes

Pursuant to Decision No. 71459, APS was authorized a total lifetime PBI Budget Authorization cap of \$250 million for the DE RFP.

Pursuant to Decision No. 72022, APS was authorized to commit \$25 million of its DE RFP authorization to the Innovative Technologies Program.

Pursuant to Decision No. 71254, the total lifetime PBI budget through and including 2009 is \$220 million of total contract commitments.

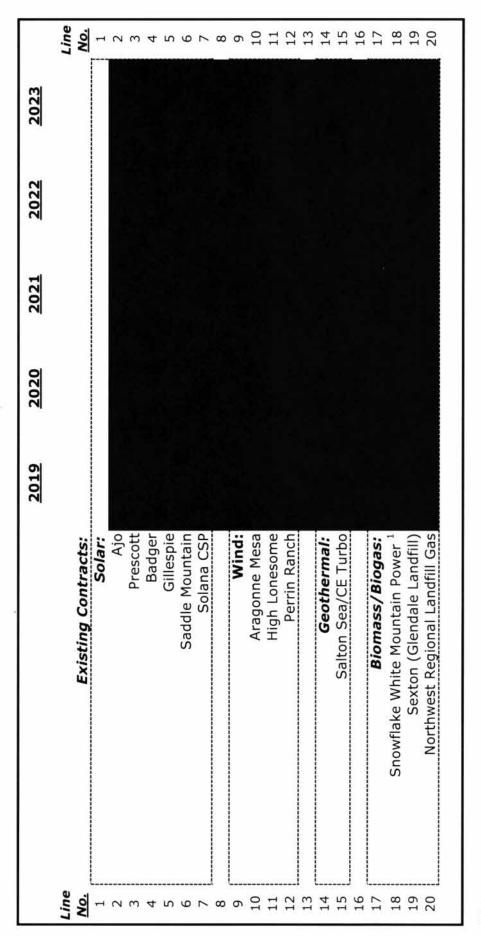
Pursuant to Decision No. 71459, APS was authorized an additional \$100 million per year lifetime commitment authorization.

Pursuant to Decision Nos. 72022 and 72174, in 2011, APS committed \$27 million of its Lifetime PBI Budget Authorization towards the Schools and Government program.

Pursuant to Decision No. 73636, ACC authorized \$6M in new PBI program funds and a shift in \$23.5M of unallocated DE RFP funds to support Pursuant to Decision No. 72737, \$30 million allocated to non-residential PBI and \$65.8 million to 2012 58(G.

Includes \$25M previously allocated to Innovative Technologies and \$49.9M in project commitment reduction due to cancellation of anticipated 2012 S&G program needs. a portion of the DE RFP program

Additional lifetime PBI authorization to complete program approved pursuant to Decision No. 72737,



Notes:

¹ This project is split between Renewable Generation (RG) and Distributed Energy (DE).

Exhibit B Proposed Adjustment Schedule REAC - 1



AVAILABILITY

The Renewable Energy Adjustment Charge (REAC) applies to all Customer service accounts.

DESCRIPTION

The monthly REAC charge recovers expenditures made by the Company to meet compliance with Arizona's Renewable Energy Standard.

CHARGES

The monthly charge for each service account will be calculated at the following rates and surcharge caps:

kWh Charge	\$0.007261	per kWh

Surcharge Caps (per service account per month)

Residential Customers	\$2.90	per Month
Non-Residential Customers		
Extra-Small and Small	\$107.88	per Month
Medium	\$181.53	per Month
Large	\$363.05	per Month
Extra Large	\$2,359.83	per Month

Surcharge caps shown above apply to the following:

- 1. Customers who have not installed an on-site renewable distribution generation system;
- Customers that installed an on-site renewable distribution generation system prior to July 1, 2012; and
- 3. Customers that installed an on-site renewable distribution generation system after July 1, 2012 and before February 1, 2013 and did not receive an incentive.

Phoenix, Arizona

Filed by: Jessica E. Hobbick

Title: Manager, Revenue Requirements and Pricing

Original Effective Date: May 1, 2008

A.C.C. No.XXXX Canceling A.C.C. No. 5997 Adjustment Schedule REAC-1 Revision No. 13 Effective: XXXX XXXX



Alternative REAC Charges, Flat Charges, and Minimum Charges

Residential Customers	\$2.53	Flat charge per Month
Non-Residential Customers		
Extra Small	\$6.06	Minimum charge per month
	\$107.88	Surcharge cap
Small	\$30.31	Minimum charge per month
	\$107.88	Surcharge cap
Medium	\$146.53	Flat charge per month
Large	\$287.03	Flat charge per month
Extra Large	\$2,359.83	Flat charge per month

Flat charges shown above apply to the following:

- Customers that installed a renewable distributed generation system after July 1, 2012 and received an incentive; and
- 2. Customers that installed a renewable distributed generation system interconnected to the Company's distribution grid after February 1, 2013, regardless of whether an incentive was received.

Minimum Charges and Surcharge Caps shown above apply to the following:

- 1. Extra Small and Small General Service Customers that installed a renewable distributed generation system after July 1, 2012 and received an incentive; and
- Extra Small and Small General Service Customers that installed a renewable distributed generation system and interconnected to the Company's distribution grid after February 1, 2013, regardless of whether an incentive was received.



NON-RESIDENTIAL CUSTOMER BILLING CATEGORIES

Non-residential Customers served under the following retail rate schedules will be billed under the surcharge categories shown below:

Retail Rate Schedule	Surcharge Category
E-47, E-58, E-59, Contract 12, E-67, E-36M (small option)	Extra-Small
E-32 S, E-32TOU S	Small
E-32 M, E-32TOU M	Medium
E-32 L, E-32TOU L, E-36M (medium option), GS-Schools L	Large
E-34, E-35, E-36 XL	Extra-Large

For non-residential Customers served under the following rate schedules, the surcharge category will be based on the monthly billing demand as shown below:

Monthly Billing Demand	Surcharge Category
20 kW and less	Extra-small
21 - 100 kW	Small
101- 400 kW	Medium
> 400 kW	Large
20 kW and less	Extra-small
21 - 100 kW	Small
> 100 kW	Medium
20 kW and less	Extra-small
> 20 kW	Small
	20 kW and less 21 - 100 kW 101- 400 kW > 400 kW 20 kW and less 21 - 100 kW > 100 kW 20 kW and less

SERVICE DETAILS

- 1. The charges will be revised annually, effective on the first billing cycle in January, or as otherwise ordered by the Arizona Corporation Commission, and will not be prorated.
- 2. All the terms and charges in the customer's rate schedule continue to apply to electric service provided under this adjustment.
- 3. Charges applied under Adjustment Schedules REAC-1 and DSMAC-1 may be combined and shown on the "Environmental Benefits Surcharge" line of the Customer's monthly bill.

Phoenix, Arizona

Filed by: Jessica E. Hobbick

Title: Manager, Revenue Requirements and Pricing

Original Effective Date: May 1, 2008

A.C.C. No.XXXX Canceling A.C.C. No. 5997 Adjustment Schedule REAC-1 Revision No. 13 Effective: XXXX XXXX

Exhibit C Proposed Adjustment Schedule REAC - 1 (Redlined)



AVAILABILITY

The Renewable Energy Adjustment Charge (REAC) applies to all Customer service accounts.

DESCRIPTION

The monthly REAC charge recovers expenditures made by the Company to meet compliance with Arizona's Renewable Energy Standard.

CHARGES

The monthly charge for each service account will be calculated at the following rates and surcharge caps:

kWh Charge	\$0.00 7513 <u>7261</u>	per kWh
Surcharge Caps (pe	er service account per month)	
Residential Customers	\$ 3.01 2.90	per Month
Non-Residential Customers		
Extra-Small and Small	\$ 111.62 <u>107.88</u>	per Month
Medium	\$ 187.83 <u>181.53</u>	per Month
Large	\$ 375.65 <u>363.05</u>	per Month
Extra Large	\$ 2,441.00 2,359.83	per Month

Surcharge caps shown above apply to the following:

- 1. Customers who have not installed an on-site renewable distribution generation system;
- 2. Customers that installed an on-site renewable distribution generation system prior to July 1, 2012; and
- Customers that installed an on-site renewable distribution generation system after July 1, 2012 and before February 1, 2013 and did not receive an incentive.

Phoenix, Arizona

Filed by: Jessica E. Hobbick

Title: Manager, Revenue Requirements and Pricing

Original Effective Date: May 1, 2008

A.C.C. No. 5997 XXXX Canceling A.C.C. No. 59445997 Adjustment Schedule REAC-1 Revision No. 1213 Effective: July 1, 2018 XXXX XXXX



Alternative REAC Charges, Flat Charges, and Minimum Charges

Residential Customers	\$ 2.74 <u>2.53</u>	Flat charge per Month
Non-Residential Customers		
Extra Small	\$ 6.27 <u>6.06</u>	Minimum charge per month
	\$ 111.62 <u>107.88</u>	Surcharge cap
Small	\$ 31.37 <u>30.31</u>	Minimum charge per month
	\$ 111.62 <u>107.88</u>	Surcharge cap
Medium	\$ 157.84 <u>146.53</u>	Flat charge per month
Large	\$ 326.14 287.03	Flat charge per month
Extra Large	\$ 2,441.00 2,359.8 3	Flat charge per month

Flat charges shown above apply to the following:

- Customers that installed a renewable distributed generation system after July 1, 2012 and received an incentive; and
- Customers that installed a renewable distributed generation system interconnected to the Company's distribution grid after February 1, 2013, regardless of whether an incentive was received.

Minimum Charges and Surcharge Caps shown above apply to the following:

- Extra Small and Small General Service Customers that installed a renewable distributed generation system after July 1, 2012 and received an incentive; and
- 2. Extra Small and Small General Service Customers that installed a renewable distributed generation system and interconnected to the Company's distribution grid after February 1, 2013, regardless of whether an incentive was received.

Phoenix, Arizona

Filed by: Jessica E. Hobbick

Title: Manager, Revenue Requirements and Pricing

Original Effective Date: May 1, 2008

A.C.C. No. 5997XXXX
Canceling A.C.C. No. 59445997
Adjustment Schedule REAC-1
Revision No. 1213
Effective: July 1, 2018XXXX XXXX



NON-RESIDENTIAL CUSTOMER BILLING CATEGORIES

Non-residential Customers served under the following retail rate schedules will be billed under the surcharge categories shown below:

Retail Rate Schedule	Surcharge Category
E-47, E-58, E-59, Contract 12, E-67, E-36M (small option)	Extra-Small
E-32 S, E-32TOU S	Small
E-32 M, E-32TOU M	Medium
E-32 L, E-32TOU L, E-36M (medium option), GS-Schools L	Large
E-34, E-35, E-36 XL	Extra-Large

For non-residential Customers served under the following rate schedules, the surcharge category will be based on the monthly billing demand as shown below:

Retail Rate Schedule	Monthly Billing Demand	Surcharge Category
E-221, E-221 8T	20 kW and less	Extra-small
E-221, E-221 8T	21 - 100 kW	Small
E-221, E-221 8T	101- 400 kW	Medium
E-221, E-221 8T	> 400 kW	Large
GS-Schools M	20 kW and less	Extra-small
GS-Schools M	21 - 100 kW	Small
GS-Schools M	> 100 kW	Medium
E-20	20 kW and less	Extra-small
E-20	> 20 kW	Small

SERVICE DETAILS

- 1. The charges will be revised annually, effective on the first billing cycle in January, or as otherwise ordered by the Arizona Corporation Commission, and will not be prorated.
- 2. All the terms and charges in the customer's rate schedule continue to apply to electric service provided under this adjustment.
- Charges applied under Adjustment Schedules REAC-1 and DSMAC-1 may be combined and shown on the "Environmental Benefits Surcharge" line of the Customer's monthly bill.

ARIZONA PUBLIC SERVICE COMPANY

Phoenix, Arizona

Filed by: Jessica E. Hobbick

Title: Manager, Revenue Requirements and Pricing

Original Effective Date: May 1, 2008

A.C.C. No.5997XXXX Canceling A.C.C. No. 59445997 Adjustment Schedule REAC-1 Revision No. 1213

Effective: July 1, 2018 XXXX XXXX